

*a*

*We claim*  
**-Patent Claims-**

1. Apparatus for the laser processing of workpieces (3) with processing surfaces lying diametrically opposite one another, particularly of plate-like interconnect carriers laminated on both sides, characterized in that  
5 the apparatus comprises two laser units (2) directed toward one another; the workpieces can be fixed to a movable carrier (4) and can be placed between the two laser unit (2); and  
in that the two laser units (2) can be simultaneously operated.

2. Apparatus according to claim 1, characterized in that the two laser units  
10 are provided with an internal beam deflection (for example, 5) that covers the region of the workpiece (3) to be respectively processed.

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